

0062383

SAF-B00-004
Industrial Hygiene Sampling – Airborne
FINAL DATA

E:MAIL RESULTS TO:

Denise Pitts

N/A
INITIAL/DATE

COMPLETE COPY OF DATA PACKAGE TO:

Denise Pitts

X2-09

BO 4/15/04
INITIAL/DATE

COMMENTS: (PLEASE INCLUDE THE FOLLOWING ON THE FAX COVER SHEET)

SDG 20040526

SAF-B00-004

Rad only ☒ Chem only Rad & Chem

☒ Complete

Partial

RECEIVED
AUG 17 2004

EDMC

WSCF
ANALYTICAL LABORATORY REPORT

Asbestos - Fiber Count

for

Bechtel Hanford, Inc.
MSIN: H9-02
Richland, WA 99352

Attention: J. Kessner MSIN: H9-02

Survey ID

Data Validator

MK Hamilton

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Group#: 20040526
Report Date 13-apr-2004

w_0007/rev.8.3

B00-004

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Fluor Hanford, Inc.
MSIN: S3-28
Richland, WA 99352

Phone 373-7403

WSCF

ANALYTICAL LABORATORY REPORT

Attention: J. Kessner MSIN: H9-02 Bechtel Hanford, Inc. Group #: 20040526

Sample #	Client ID	Test Performed	Matrix	Reported Air Vol.(L)	Fibers/ RG Field	RG Result	Units	RDL	Analyst	Sampled	Received	Analyzed
W04I001683	J017K7	Airborne Fiber Conc.	FILTER	N/A	< RDL	BLANK	fibers/cm3	3 fibers	mkg	03/29/04	03/31/04	03/31/04
W04I001684	J017K6	Airborne Fiber Conc.	FILTER	N/A	< RDL	BLANK	fibers/cm3	3 fibers	mkg	03/29/04	03/31/04	03/31/04
W04I001685	J017K8	Airborne Fiber Conc.	FILTER	1553	0.04	< 0.005	fibers/cm3	3 fibers	mkg	03/29/04	03/31/04	03/31/04
W04I001686	J017L2	Airborne Fiber Conc.	FILTER	935	0.03	< 0.01	fibers/cm3	3 fibers	mkg	03/29/04	03/31/04	03/31/04
W04I001687	J017L1	Airborne Fiber Conc.	FILTER	1507	N/A	VOID	fibers/cm3	3 fibers	mkg	03/29/04	03/31/04	03/31/04
W04I001688	J017L5	Airborne Fiber Conc.	FILTER	944	N/A	VOID	fibers/cm3	3 fibers	mkg	03/29/04	03/31/04	03/31/04
W04I001689	J017L0	Airborne Fiber Conc.	FILTER	1539	N/A	VOID	fibers/cm3	3 fibers	mkg	03/29/04	03/31/04	03/31/04
W04I001690	J017L4	Airborne Fiber Conc.	FILTER	795	N/A	VOID	fibers/cm3	3 fibers	mkg	03/29/04	03/31/04	03/31/04
W04I001691	J017K9	Airborne Fiber Conc.	FILTER	1492	0.05	< 0.01	fibers/cm3	3 fibers	mkg	03/29/04	03/31/04	03/31/04
W04I001692	J017L3	Airborne Fiber Conc.	FILTER	796	0.06	< 0.01	fibers/cm3	3 fibers	mkg	03/29/04	03/31/04	03/31/04

RDL=Reporting Detection Limit
RG = Result Range

Method LA-519-402 which was used is based on the approved NIOSH Analytical Method 7400, Rev. 4, Aug 1994.
The method does not distinguish between asbestos and non-asbestos fibers but uses 400-power phase contrast microscopy to count all particles with an overall length exceeding 5 microns and a length-to-width ratio of 3:1 or greater.
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* - Indicates results that have NOT been validated.
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The quality control data for calendar year 2004 is as follows:

Fibers/Field	Sr value
<= 0.03	1.00
>0.03 - 0.20	0.26
>0.20 - 0.50	0.20
>0.50 - 1.0	0.17
>1.0	0.14

WSCF

ANALYTICAL COMMENT REPORT

Attention: J. Kessner MSIN: H9-02

Group #: 20040526

Sample #	Client ID	Lab Area	Test	Comment
		VALGROUP		Results have not been corrected for lab or field blanks unless otherwise noted in the Analytical Comment Report.
				Validated 4/13/04 by MK Hamilton, IH QA Coordinator.
W04I001687	J017L1	TESTDATA	Airborne	SAMPLE VOID DUE TO PARTICULATE OVERLOAD.
W04I001688	J017L5	TESTDATA	Airborne	SAMPLE VOID DUE TO PARTICULATE OVERLOAD.
W04I001689	J017L0	TESTDATA	Airborne	SAMPLE VOID DUE TO PARTICULATE OVERLOAD.
W04I001690	J017L4	TESTDATA	Airborne	SAMPLE VOID DUE TO PARTICULATE OVERLOAD.
W04I001692	J017L3	LOGSAMP		SAMPLES ACCEPTABLE FOR RECEIPT. REC'D BY K BEEBE AND LOGGED.
				BY MK GRANT 3/31/04.
				MEDIA: 0.8u 25 MM MCE FILTERS

Lab Areas: VALGROUP - Group Validation
LOGSAMP - Login for Sample

VALTEST - Test Validation
LOGTEST - Login for Tests

TESTDATA - Test Data Entry

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20040526

Bechtel Hanford, Inc.		ERC/INDUSTRIAL HYGIENE CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST									
Collector: <i>Mark Cranston</i>	Company Contact Henry W. Ruby		Telephone No. 373-5600		Project Coordinator Joan H. Kessner			Data Turnaround <i>24hr</i>			
Payroll #: <i>73450</i>	Sampling Location <i>100N//1304N</i>		SPECIAL INSTRUCTIONS All relevant COAs must be provided: <i>R1304N J452</i>			SAF No. B00-004; B00-005					
Type of Sample: <i>Area</i>	<i>Emergency Dump Tank</i>		ANALYSIS METHOD (SPECIFIC): <i>NIOSH 7400 (Asbestos)</i>			Method of Shipment <i>Hand Delivery</i>					
Shipped To: <i>W SCF</i>						Bill of Lading/Air Bill No.					
POSSIBLE SAMPLE HAZARD/REMARKS <i>Asbestos</i>		MATRIX A - AIR WI - WIPE OTHER		Preservation (ie., cooling required, etc.)		No	No				
Special Handling and/or Storage <i>N/A</i>						Asbestos Airborne	Lead Airborne				
SAMPLE ANALYSIS											
SAMPLE NO.	MATRIX	DATE	VOLUME (L)	Comments							
<i>04500</i> <i>683 J 01747</i>	<i>A</i>	<i>3-29-04</i>	<i>Blank</i>	<i>Blank</i>	<i>X</i>						
<i>684 J 01746</i>	<i>A</i>	<i>3-29-04</i>	<i>Blank</i>	<i>Blank</i>	<i>X</i>						
<i>685 J 01748</i>	<i>A</i>	<i>3-29-04</i>	<i>1553</i>	<i>Area</i>	<i>X</i>						
<i>686 J 01742</i>	<i>A</i>	<i>3-29-04</i>	<i>935</i>	<i>Area</i>	<i>✓</i>						
<i>687 J 01741</i>	<i>A</i>	<i>3-29-04</i>	<i>1507</i>	<i>Area</i>	<i>X</i>						
<i>688 J 01745</i>	<i>A</i>	<i>3-29-04</i>	<i>944</i>	<i>Area</i>	<i>X</i>						
<i>689 J 01740</i>	<i>A</i>	<i>3-29-04</i>	<i>1539</i>	<i>Area</i>	<i>X</i>						
<i>690 J 01744</i>	<i>A</i>	<i>3-29-04</i>	<i>795</i>	<i>Area</i>	<i>X</i>						
<i>691 J 01749</i>	<i>A</i>	<i>3-29-04</i>	<i>1492</i>	<i>Area</i>	<i>X</i>						
<i>692 J 01743</i>	<i>A</i>	<i>3-29-04</i>	<i>796</i>	<i>Area</i>	<i>X</i>						

ERC/INDUSTRIAL HYGIENE CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST			
SIGN / PRINT NAMES / USE MILITARY TIME			
Relinquished By/Stored:	DATE / TIME	Received By/Stored:	DATE / TIME
Mark Cranston / Mark Cranston	3-29-04 1530	Mo 425 / 426 Locked Room #4	3-29-04 1530
Relinquished By/Stored:	DATE / TIME	Received By/Stored:	DATE / TIME
D. W. Womb / D. W. Womb	3-31-04 / 0850	SIOTALE / SIOTALE	3-31-04 0850
Relinquished By/Stored:	DATE / TIME	Received By/Stored:	DATE / TIME
SIOTALE / SIOTALE	3-31-04 0920	FLUOR / K. B. B. B.	3/31/04 0920
Relinquished By/Stored:	DATE / TIME	Received By/Stored:	DATE / TIME
K. B. B. B.	3-31-04 1100	M. K. Grant / M. K. Grant	3-31-04 1100
Relinquished By/Stored:	DATE / TIME	Received By/Stored:	DATE / TIME
		Remaining filter stored at WSCF fiber count lab for at least 3 months, then discarded at trash.	
Relinquished By/Stored:	DATE / TIME	Received By/Stored:	DATE / TIME
Relinquished By/Stored:	DATE / TIME	Received By/Stored:	DATE / TIME
Relinquished By/Stored:	DATE / TIME	Received By/Stored:	DATE / TIME
Relinquished By/Stored:	DATE / TIME	Received By/Stored:	DATE / TIME
Relinquished By/Stored:	DATE / TIME	Received By/Stored:	DATE / TIME
LABORATORY SECTION	Received By	Title	DATE / TIME
	M. K. Grant / M. K. Grant	1H Sample Custodian	3-31-04 1100

REVIEWED BY: _____

PRINT/SIGN NAME

DATE: _____